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OM of: US-09-805-550-2 to: Issued_Patents_NA:*   out_format : pfs

Date: Aug 31, 2002  7:35 AM

About: Results were produced by the GenCore software, version 4.5,
       Copyright (c) 1993-2000 Compugen Ltd.

Command line parameters:
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Query length: 405
Database: Issued_Patents_NA:*
Database sequences: 383533
Database length: 122816752
Search time (sec): 69.340000

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WARN: XGAPEXT and YGAPEXT must be equal. Assuming YGAPEXT=XGAPEXT=60.000


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seq_documentation_block:
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; Patent No. 6235972
; GENERAL INFORMATION:
;  APPLICANT: Mahajan, Pramod B.
;  APPLICANT: Tagliani, Laura
;  TITLE OF INVENTION: Maize Rad23 Genes and Uses Thereof
;  FILE REFERENCE: 0964
;  CURRENT APPLICATION NUMBER: US/09/413,574
;  CURRENT FILING DATE: 1999-10-06
;  EARLIER APPLICATION NUMBER: 60/109,728
;  EARLIER FILING DATE: 1998-11-23
;  NUMBER OF SEQ ID NOS: 5
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 1522
;   TYPE: DNA
;   ORGANISM: Zea mays
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (58)...(1272)
US-09-413-574-1


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              Ratio:  1.000                Gaps:      0
 Percent Similarity: 100.000   Percent Identity: 100.000

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      34 lnGlyGlnSerThrTyrArgAlaAspGlnGlnMetLeuIleTyrGlnGly 50
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     158 AAGGTCAGAGTACCTACCGGGCGGACCAGCAAATGCTCATATACCAAGGG 207

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     208 AAAATTCTCAAGGATGAAACCACTTTGGAAAGCAACGGAGTTGCTGAGAA 257

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     258 CAGCTTCCTTGTTATAATGTTGTCCAAGGCTAAGGCATCATCGAGTGGAG 307

      84 laSerThrAlaThrThrAlaLysAlaProAlaThrLeuAlaGlnProAla 100
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     308 CTTCTACCGCTACTACTGCAAAAGCTCCTGCAACTCTGGCCCAACCTGCT 357

     101 AlaProValAlaProAlaAlaSerValAlaArgThrProThrGlnAlaPr 117
         ||||||||||||||||||||||||||||||||||||||||||||||||||
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; Patent No. 6235972
; GENERAL INFORMATION:
;  APPLICANT: Mahajan, Pramod B.
;  APPLICANT: Tagliani, Laura
;  TITLE OF INVENTION: Maize Rad23 Genes and Uses Thereof
;  FILE REFERENCE: 0964
;  CURRENT APPLICATION NUMBER: US/09/413,574
;  CURRENT FILING DATE: 1999-10-06
;  EARLIER APPLICATION NUMBER: 60/109,728
;  EARLIER FILING DATE: 1998-11-23
;  NUMBER OF SEQ ID NOS: 5
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
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;   ORGANISM: Zea mays
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (106)...(1209)
US-09-413-574-3


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; Patent No. 6294328
; GENERAL INFORMATION:
;  APPLICANT: FLEISCHMAN, Robert D.
;  APPLICANT:  WHITE, Owen R.
;  APPLICANT:  FRASER, Claire M.
;  APPLICANT:  VENTER, John C.
;  TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
;  TITLE OF INVENTION:  TUBERCULOSIS
;  FILE REFERENCE: 24366-20007.00
;  CURRENT APPLICATION NUMBER: US/09/103,840A
;  CURRENT FILING DATE:  1998-06-24
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
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;   TYPE: DNA
;   ORGANISM: Mycobacterium tuberculosis
;   OTHER INFORMATION: H37Rv
US-09-103-840A-1


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;     APPLICANT: PALVA, LIKKA;SIBAHKOV, MERVI
;     TITLE OF INVENTION: LACTOCOCCUS PROMOTER AND SIGNAL
;SEQUENCES FOR EXPRESSION IN BACTERIA
;     NUMBER OF SEQUENCES: 27
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/07/377,450
;       FILING DATE: 10-JUL-1989
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; Patent No. 6271026
;  GENERAL INFORMATION:
;     APPLICANT:  Stone, Edwin M.
;     APPLICANT:  Sheffield, Val C.
;     APPLICANT:  Alward, Wallace L.M.
;     TITLE OF INVENTION:  GLAUCOMA COMPOSITIONS AND THERAPEUTIC
;     TITLE OF INVENTION:  AND DIAGNOSTIC USES THEREFOR
;     NUMBER OF SEQUENCES:  18
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  FOLEY, HOAG & ELIOT LLP
;       STREET:  One Post Office Square
;       CITY:  Boston
;       STATE:  MA
;       COUNTRY:  USA
;       ZIP:  02109-2170
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/822,999
;       FILING DATE:  21-MAR-1997
;       CLASSIFICATION:  514
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/791,347
;       FILING DATE:  30-JAN-1997
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/748,479
;       FILING DATE:  08-NOV-1996
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/234,218
;       FILING DATE:  28-APR-1994
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Arnold, Beth E.
;       REGISTRATION NUMBER:  35,430
;       REFERENCE/DOCKET NUMBER:  UIA-010.27
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  617-832-1000
;       TELEFAX:  617-832-7000
;  INFORMATION FOR SEQ ID NO:  10:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  685 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA (genomic)
US-08-822-999-10


alignment_scores:
            Quality:    8.00            Length:      8
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; Sequence 16, Application US/08791347
; Patent No. 5885776
;  GENERAL INFORMATION:
;     APPLICANT:  Stone, Edwin M.
;     APPLICANT:  Sheffield, Val C.
;     APPLICANT:  Alward, Wallace L.M.
;     TITLE OF INVENTION:  GLAUCOMA COMPOSITIONS AND THERAPEUTIC
;     TITLE OF INVENTION:  AND DIAGNOSTIC USES THEREFOR
;     NUMBER OF SEQUENCES:  16
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  FOLEY, HOAG & ELIOT LLP
;       STREET:  One Post Office Square
;       CITY:  Boston
;       STATE:  MA
;       COUNTRY:  USA
;       ZIP:  02109-2170
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/791,347
;       FILING DATE:  30-JAN-1997
;       CLASSIFICATION:  514
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Arnold, Beth E.
;       REGISTRATION NUMBER:  35,430
;       REFERENCE/DOCKET NUMBER:  UIA-010.26
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  617-832-1000
;       TELEFAX:  617-832-7000
;  INFORMATION FOR SEQ ID NO:  16:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  693 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA (genomic)
US-08-791-347-16
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alignment_scores:
            Quality:    8.00              Length:      8
              Ratio:  1.000                Gaps:       0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-791-347-16/rev   ..

 Align seg 1/1  to reverse of: US-08-791-347-16  from: 1  to: 693

     236 ProValGlnProSerProAlaSer 243
         ||||||||||||||||||||||||
     265 CCTGTGCAGCCCAGCCCAGCCTCC 242

seq_name: /cgn2_6/ptodata/1/ina/6A_COMB.seq:US-08-869-696-6

seq_documentation_block:
; Sequence 6, Application US/08869696C
; Patent No. 6031155
; GENERAL INFORMATION:
;  APPLICANT: Cameron-Mills, Verena
;  APPLICANT: Lok, Finn
;  APPLICANT: Sinjorgo, Catharina Maria Cornelia
;  APPLICANT: Van Den Dool, Ronald Tako Marinus
;  APPLICANT: Caspers, Martinus Petrus Maria
;  APPLICANT: Van Zeijl-Van Der Valk, Maria Joanna
;  TITLE OF INVENTION: ARABINOXYLAN DEGRADATION
;  FILE REFERENCE: 11225.01US01
;  CURRENT APPLICATION NUMBER: US/08/869,696C
;  CURRENT FILING DATE: 1997-06-05
;  NUMBER OF SEQ ID NOS: 22
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
;   LENGTH: 867
;   TYPE: DNA
;   ORGANISM: barley
US-08-869-696-6


alignment_scores:
            Quality:    8.00              Length:      8
              Ratio:  1.000                Gaps:       0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-869-696-6   ..

 Align seg 1/1  to: US-08-869-696-6  from: 1  to: 867

      80 SerSerSerGlyAlaSerThrAla 87
         |||||||||||||||||||||||
     534 TCAAGTTCAGGGGCTTCTACGGCA 557

seq_name: /cgn2_6/ptodata/1/ina/6A_COMB.seq:US-08-869-696-20

seq_documentation_block:
; Sequence 20, Application US/08869696C
; Patent No. 6031155
; GENERAL INFORMATION:
;  APPLICANT: Cameron-Mills, Verena
;  APPLICANT: Lok, Finn
;  APPLICANT: Sinjorgo, Catharina Maria Cornelia
;  APPLICANT: Van Den Dool, Ronald Tako Marinus
;  APPLICANT: Caspers, Martinus Petrus Maria
;  APPLICANT: Van Zeijl-Van Der Valk, Maria Joanna
;  TITLE OF INVENTION: ARABINOXYLAN DEGRADATION
;  FILE REFERENCE: 11225.01US01
;  CURRENT APPLICATION NUMBER: US/08/869,696C
;  CURRENT FILING DATE: 1997-06-05
;  NUMBER OF SEQ ID NOS: 22
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
;   LENGTH: 1044
;   TYPE: DNA
;   ORGANISM: barley
US-08-869-696-20


alignment_scores:
            Quality:    8.00              Length:      8
              Ratio:  1.000                Gaps:       0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-869-696-20   ..

 Align seg 1/1  to: US-08-869-696-20  from: 1  to: 1044

      80 SerSerSerGlyAlaSerThrAla 87
         |||||||||||||||||||||||
     917 TCAAGTTCAGGGGCTTCTACGGCA 940

seq_name: /cgn2_6/ptodata/1/ina/5B_COMB.seq:US-08-492-027A-5

seq_documentation_block:
; Sequence 5, Application US/08492027A
; Patent No. 5912333
;  GENERAL INFORMATION:
;    APPLICANT:  Suzuki, Shoichi
;    APPLICANT:  Burnell, James N
;    TITLE OF INVENTION:  DNA Encoding Carbonic Anhydrase
;    NUMBER OF SEQUENCES:  9
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Birch, Stewart, Kolasch and Birch
;      STREET:  P.O. Box 747
;      CITY:  Falls Church
;      STATE:  VA
;      COUNTRY:  USA
;      ZIP:  22040-0747
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/492,027A
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Murphy Jr, Gerald M
;      REGISTRATION NUMBER:  28,977
;      REFERENCE/DOCKET NUMBER:  0760-206
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (703) 205-8000
;      TELEFAX:  (703) 205-8050
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1167 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA to mRNA
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  36..851
US-08-492-027A-5


alignment_scores:
            Quality:    8.00              Length:      8
              Ratio:  1.000                Gaps:       0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-492-027A-5   ..
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 Align seg 1/1  to: US-08-492-027A-5  from: 1  to: 1167

     100 AlaAlaProValAlaProAlaAla 107
         |||||||||||||||||||||||
     222 GCCGCCCCCGTCGCCCCCGCCGCG 245

seq_name: /cgn2_6/ptodata/1/ina/6A_COMB.seq:US-08-869-696-21

seq_documentation_block:
; Sequence 21, Application US/08869696C
; Patent No. 6031155
; GENERAL INFORMATION:
;  APPLICANT: Cameron-Mills, Verena
;  APPLICANT: Lok, Finn
;  APPLICANT: Sinjorgo, Catharina Maria Cornelia
;  APPLICANT: Van Den Dool, Ronald Tako Marinus
;  APPLICANT: Caspers, Martinus Petrus Maria
;  APPLICANT: Van Zeijl-Van Der Valk, Maria Joanna
;  TITLE OF INVENTION: ARABINOXYLAN DEGRADATION
;  FILE REFERENCE: 11225.01US01
;  CURRENT APPLICATION NUMBER: US/08/869,696C
;  CURRENT FILING DATE: 1997-06-05
;  NUMBER OF SEQ ID NOS: 22
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
;   LENGTH: 1282
;   TYPE: DNA
;   ORGANISM: barley
US-08-869-696-21


alignment_scores:
            Quality:    8.00             Length:      8
              Ratio:  1.000               Gaps:      0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-869-696-21   ..

 Align seg 1/1  to: US-08-869-696-21  from: 1  to: 1282

      80 SerSerSerGlyAlaSerThrAla 87
         |||||||||||||||||||||||
    1155 TCAAGTTCAGGGGCTTCTACGGCA 1178

seq_name: /cgn2_6/ptodata/1/ina/6A_COMB.seq:US-08-869-696-22

seq_documentation_block:
; Sequence 22, Application US/08869696C
; Patent No. 6031155
; GENERAL INFORMATION:
;  APPLICANT: Cameron-Mills, Verena
;  APPLICANT: Lok, Finn
;  APPLICANT: Sinjorgo, Catharina Maria Cornelia
;  APPLICANT: Van Den Dool, Ronald Tako Marinus
;  APPLICANT: Caspers, Martinus Petrus Maria
;  APPLICANT: Van Zeijl-Van Der Valk, Maria Joanna
;  TITLE OF INVENTION: ARABINOXYLAN DEGRADATION
;  FILE REFERENCE: 11225.01US01
;  CURRENT APPLICATION NUMBER: US/08/869,696C
;  CURRENT FILING DATE: 1997-06-05
;  NUMBER OF SEQ ID NOS: 22
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
;   LENGTH: 1372
;   TYPE: DNA
;   ORGANISM: barley
US-08-869-696-22


alignment_scores:
            Quality:    8.00             Length:      8
              Ratio:  1.000               Gaps:      0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-869-696-22   ..

 Align seg 1/1  to: US-08-869-696-22  from: 1  to: 1372

      80 SerSerSerGlyAlaSerThrAla 87
         |||||||||||||||||||||||
    1245 TCAAGTTCAGGGGCTTCTACGGCA 1268

seq_name: /cgn2_6/ptodata/1/ina/5A_COMB.seq:US-08-136-277-18

seq_documentation_block:
; Sequence 18, Application US/08136277
; Patent No. 5644045
;  GENERAL INFORMATION:
;    APPLICANT:  MANDEL, Jean-Louis
;    APPLICANT:  AUBOURG, Patrick
;    APPLICANT:  MOSSER, Jean
;    APPLICANT:  SARDE, Claude
;    TITLE OF INVENTION:  X-LINKED ADRENOLEUKODYSTROPHY GENE AND
;    TITLE OF INVENTION:  CORRESPONDING PROTEIN
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Young & Thompson
;      STREET:  745 South 23rd Street
;      CITY:  Arlington
;      STATE:  VA
;      COUNTRY:  USA
;      ZIP:  22202
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/136,277
;      FILING DATE:  15-OCT-1993
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  PATCH, Andrew J.
;      REGISTRATION NUMBER:  32,925
;      REFERENCE/DOCKET NUMBER:  B2272
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-521-2297
;      TELEFAX:  703-685-0573
;      TELEX:  248425 EMBON
;  INFORMATION FOR SEQ ID NO:  18:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1441 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
US-08-136-277-18


alignment_scores:
            Quality:    8.00             Length:      8
              Ratio:  1.000               Gaps:      0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-136-277-18   ..

 Align seg 1/1  to: US-08-136-277-18  from: 1  to: 1441

     100 AlaAlaProValAlaProAlaAla 107
         |||||||||||||||||||||||
     610 GCGGCTCCTGTGGCTCCTGCGGCT 633
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seq_name: /cgn2_6/ptodata/1/ina/5B_COMB.seq:US-08-479-403-18

seq_documentation_block:
; Sequence 18, Application US/08479403
; Patent No. 5869039
;  GENERAL INFORMATION:
;    APPLICANT:  MANDEL, Jean-Louis
;    APPLICANT:  AUBOURG, Patrick
;    APPLICANT:  MOSSER, Jean
;    APPLICANT:  SARDE, Claude
;    TITLE OF INVENTION:  X-LINKED ADRENOLEUKODYSTROPHY GENE AND
;    TITLE OF INVENTION:  CORRESPONDING PROTEIN
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Young & Thompson
;      STREET:  745 South 23rd Street
;      CITY:  Arlington
;      STATE:  VA
;      COUNTRY:  USA
;      ZIP:  22202
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/479,403
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  PATCH, Andrew J.
;      REGISTRATION NUMBER:  32,925
;      REFERENCE/DOCKET NUMBER:  B2272DIV
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-521-2297
;      TELEFAX:  703-685-0573
;      TELEX:  248425 EMBON
;  INFORMATION FOR SEQ ID NO:  18:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1441 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
US-08-479-403-18


alignment_scores:
            Quality:    8.00             Length:      8
              Ratio:  1.000               Gaps:      0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-479-403-18    ..

 Align seg 1/1  to: US-08-479-403-18  from: 1  to: 1441

     100 AlaAlaProValAlaProAlaAla 107
         |||||||||||||||||||||||||
     610 GCGGCTCCTGTGGCTCCTGCGGCT 633

seq_name: /cgn2_6/ptodata/1/ina/6A_COMB.seq:US-08-835-734-18

seq_documentation_block:
; Sequence 18, Application US/08835734
; Patent No. 6013769
;  GENERAL INFORMATION:
;    APPLICANT:  MANDEL, Jean-Louis
;    APPLICANT:  AUBOURG, Patrick
;    APPLICANT:  MOSSER, Jean
;    APPLICANT:  SARDE, Claude
;    TITLE OF INVENTION:  X-LINKED ADRENOLEUKODYSTROPHY GENE AND
;    TITLE OF INVENTION:  CORRESPONDING PROTEIN
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Young & Thompson
;      STREET:  745 South 23rd Street
;      CITY:  Arlington
;      STATE:  VA
;      COUNTRY:  USA
;      ZIP:  22202
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/835,734
;      FILING DATE:
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/479,403
;      FILING DATE:  07-JUN-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  PATCH, Andrew J.
;      REGISTRATION NUMBER:  32,925
;      REFERENCE/DOCKET NUMBER:  B2272DIV
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-521-2297
;      TELEFAX:  703-685-0573
;      TELEX:  248425 EMBON
;  INFORMATION FOR SEQ ID NO:  18:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1441 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
US-08-835-734-18


alignment_scores:
            Quality:    8.00             Length:      8
              Ratio:  1.000               Gaps:      0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-835-734-18    ..

 Align seg 1/1  to: US-08-835-734-18  from: 1  to: 1441

     100 AlaAlaProValAlaProAlaAla 107
         |||||||||||||||||||||||||
     610 GCGGCTCCTGTGGCTCCTGCGGCT 633

seq_name: /cgn2_6/ptodata/1/ina/6A_COMB.seq:US-08-869-696-8

seq_documentation_block:
; Sequence 8, Application US/08869696C
; Patent No. 6031155
; GENERAL INFORMATION:
;  APPLICANT: Cameron-Mills, Verena
;  APPLICANT: Lok, Finn
;  APPLICANT: Sinjorgo, Catharina Maria Cornelia
;  APPLICANT: Van Den Dool, Ronald Tako Marinus
;  APPLICANT: Caspers, Martinus Petrus Maria
;  APPLICANT: Van Zeijl-Van Der Valk, Maria Joanna
;  TITLE OF INVENTION: ARABINOXYLAN DEGRADATION
;  FILE REFERENCE: 11225.01US01
;  CURRENT APPLICATION NUMBER: US/08/869,696C
;  CURRENT FILING DATE: 1997-06-05
;  NUMBER OF SEQ ID NOS: 22
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
;   LENGTH: 1690
;   TYPE: DNA
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;   ORGANISM: barley
US-08-869-696-8


alignment_scores:
            Quality:    8.00             Length:      8
              Ratio:  1.000              Gaps:        0
 Percent Similarity: 100.000   Percent Identity: 100.000

alignment_block:
 US-09-805-550-2 x US-08-869-696-8    ..

 Align seg 1/1  to: US-08-869-696-8  from: 1  to: 1690

      80 SerSerSerGlyAlaSerThrAla 87
         ||||||||||||||||||||||||
    1364 TCAAGTTCAGGGGCTTCTACGGCA 1387
```